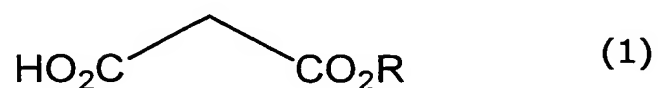


ABSTRACT

The present invention relates to a compound represented by formula (1) or a salt thereof:



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wherein R represents a group that is easily removable upon hydrolysis in vivo. This compound is usable in the production of prodrug-type carbapenem antibacterial agents for oral administration. The use of this compound in the process of
10 production of the antibacterial agents can realize enhanced production efficiency and reduced production cost.